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DERWENT-WEEK: 200370

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TITLE: Telescopic suction pipe, for vacuum cleaner, comprises outer and inner tubes, locking mechanism, and outer and inner positioning recesses formed on inner tube and lever

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PRIORITY-DATA: 2000CN-216141 (January 12, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
WO 0150939 A1	July 19, 2001	ZH
AU 200050577 A	July 24, 2001	EN
EP 1201174 A1	May 2, 2002	EN
US 6634674 B1	October 21, 2003	EN

DESIGNATED-STATES: AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ U A UG US UZ VN YU ZA ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT

RO SE SI

APPLICATION-DATA:

PUB-NO	APPL- DESCRIPTOR	APPL-NO	APPL-DATE
WO2001050939A1	N/A	2000WO- CN00136	June 2, 2000
AU 200050577A	N/A	2000AU- 050577	June 2, 2000
EP 1201174A1	N/A	2000EP- 934844	June 2, 2000
EP 1201174A1	N/A	2000WO- CN00136	June 2, 2000
US 6634674B1	N/A	2000WO- CN00136	June 2, 2000
US 6634674B1	Based on	2000US- 701715	December 1, 2000

INT-CL-CURRENT:

TYPE	IPC DATE
CIPS	A47L9/24 20060101
CIPS	F16L27/12 20060101

ABSTRACTED-PUB-NO: WO 0150939 A1**BASIC-ABSTRACT:**

NOVELTY - Pipe comprises an outer tube, an inner tube inserted inside the outer tube, and a locking means which locks the outer tube and the inner tube to be at respective positions. Outer positioning recesses and an inner positioning recesses are formed on inner tube and a lever.

DESCRIPTION - Lever and the inner tube can move oppositely so that the outer positioning recesses and inner positioning recesses can be overlapped or deviated from each other. Locking element is provided between the outer tube and the inner tube, and can be pressed closely against one side of the inner tube by an elastic element. Lever and inner tube can move so that outer positioning recesses and the inner positioning recesses can be overlapped or deviated from each other, thereby the locking element can be pressed into or pushed out of the positioning recesses to lock or unlock the outer tube and the inner tube.

USE - For vacuum cleaners.

CHOSEN-DRAWING: Dwg.1/11

TITLE-TERMS: TELESCOPE SUCTION PIPE VACUUM CLEAN
COMPRIZE OUTER INNER TUBE LOCK
MECHANISM POSITION RECESS FORMING
LEVER

DERWENT-CLASS: P28 X27

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